

Product datasheet for MC218123

Ccdc68 (BC046343) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc68 (BC046343) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc68
Synonyms:	MGC54896
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC046343 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAACGTAAACAGTGACCACAGAAGTTCCTCAAGCGGTAAGACAGAAGACGGCCACGTCTTCTGTG
ACTCTTCGTCTGCTCACATTATTGAAGAAACCGAGTATGTGAGACAGATGCGAACTACACTGGAAAAAGAT
CCGAAATCACATGTTTAAGGAAAAAGAAGGCTGTGGCAATGCAAGGCACAACTAGATGCAGAGGGATCT
GGAAATATTCAGAATGGCTCAGACTCCACCACAGACCCACCTGTCTGGATTTGCTCATGGAAAAACATGA
GAAGAAAAGATCAGCAGCTCCTGGAATGAACAGAGAGAATGAAGTGTGCAATCAAGCTGGAAGCTTC
CAGAGAAGCAGGAGCAGCAGCTTTGAGAAATGTGGCTCAGAGATTATTTGACAACCTACCAACACAAAGCT
GGAGACCTGGAGAAAAAGCACGAGGGCAGGAAACATCTCCTTCAGGTCAACAACCTTGAGAAAGAGCAGG
CATTAAAGGGAAGCGCCGAAAGTCTGAATCTACTTTAGAAAACTGGAGGAAAAACATGGGCAAAATCGT
AGGGCTGGAAAACCGTGTACAGAGGATGGAAAAACAATAAAGAACTCAAAACCGGGTGGCACATTGGACT
GAAACACCTAGGACCTTGGTATCTAAGGCCGTCTCCACAAGCGAGTTGAAGACTGAAGGTGCTTCTCCAT
ATTTGATGTTAATTCGGCTACGAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC046343
Insert Size:	729 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC046343</u> , <u>AAH46343</u>
RefSeq Size:	1247 bp
RefSeq ORF:	728 bp
Locus ID:	381175
Cytogenetics:	18 E2
Gene Summary:	Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells (PubMed:28422092). Together with CCDC120, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly (PubMed:28422092).[UniProtKB/Swiss-Prot Function]